

INCH-POUND

A-A-55469/2A
17 July 2002
SUPERSEDING
A-A-55469/2
April 7, 1995

COMMERCIAL ITEM DESCRIPTION

CONNECTORS, ELECTRICAL, PLUGS, TIP, DUAL (BANANA PLUG)

The General Services Administration has authorized the use of this Commercial Item Description (CID) for all federal agencies.

The complete requirements for acquiring the connectors described herein shall consist of this document and CID A-A-55469.

1. **SCOPE.** This CID covers the general requirements for test point plugs and banana plugs for use in electrical and electronic equipment. The test point connectors covered by this CID are primarily for use in airborne, ground support, and shipboard electrical and electronic equipment, for test purposes only. They are not intended for use as an integral part of the equipment for which the overall system operation is dependent. Connectors covered by this CID are intended for commercial/industrial applications and should not be used in military systems needing stringent environmental and electrical requirements.

2. **CLASSIFICATION.** This CID uses a classification system, which is included in the Part Identification Number (PIN) as shown in the following example (see 7.1). The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

<u>AA55469</u>	<u>/02</u>	-	<u>01</u>
↓	↓		↓
CID number	CID sheet		Dash number (from table I)

TABLE I. Design and identification data.

Dash number AA55469/02	Color	Current rating (amperes, maximum)	Contact resistance (milliohms, maximum)
01 and 03	Black	15	10
02 and 04	Red	15	10

3. SALIENT CHARACTERISTICS.

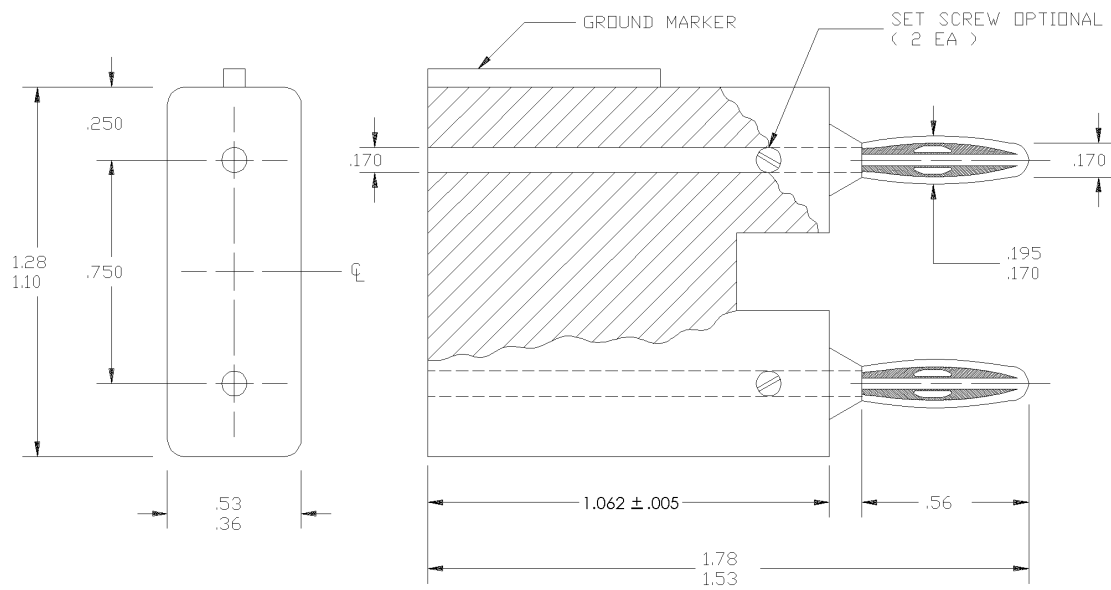
3.1 CID sheet. The electrical connectors shall be in accordance with the requirements specified herein in addition to the salient characteristics of A-A-55469.

3.2 Design, construction, and dimensions. Design, construction, and dimensions shall be as specified on figure 1 and table I.

3.3 Contact current rating. Contact current rating shall be as specified in table I.

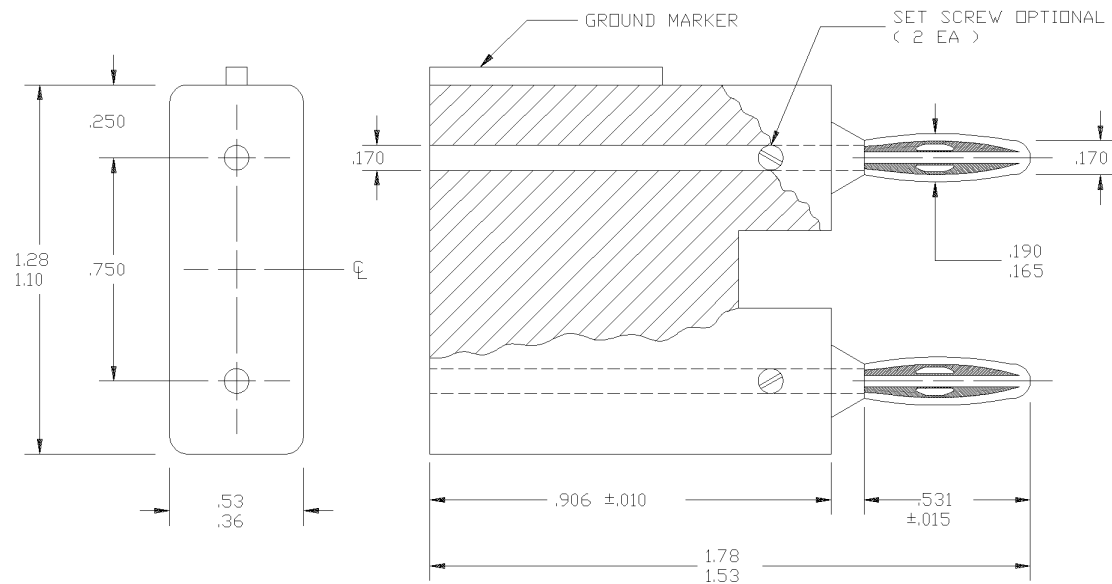
3.4 Contact resistance. Contact resistance shall be as specified in table I.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Defense Supply Center Columbus, ATTN: DSCC-VAI, 3990 East Broad Street, Columbus, OH 43216-5000.



AA55469/02-01 and AA55469/02-02

FIGURE 1. Configuration and dimensions.



A-A55469/02-03 and A-A-5546902-04

Inches	mm	Inches	mm
.005	0.127	.56	14.2
.010	0.25	.750	19.05
.015	0.38	.906	23.01
.165	4.19	1.00	25.4
.170	4.32	1.062	26.97
.190	4.83	1.10	27.9
.195	4.95	1.28	32.5
.36	9.1	1.53	38.9
.53	13.5	1.78	45.2
.531	13.49		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .010$ (0.25 mm) for three-place decimals and $\pm .03$ (0.08 mm) for two-place decimals.
4. When set screw is used, the head shall be below the surface of the insulating material.

FIGURE 1. Configuration and dimensions – Continued.

3.5 Dielectric withstanding voltage (at sea level). Dielectric withstanding voltage (at sea level) shall be 3,000 V rms at 60 Hz or 5,000 V dc.

3.6 Operating voltage. Operating voltage is 300 volts rms, 60 hertz at sea level.

3.7 Marking. Test point connectors supplied to this CID shall be marked with the manufacturer's standard commercial PIN.

4. REGULATORY REQUIREMENTS. This section is not applicable to this CID.

5. QUALITY ASSURANCE PROVISIONS. Shall be as specified in CID A-A-55469.

5.1 Certificate of compliance. Each contractor desiring to be listed as a suggested source of supply shall submit a DSCC certificate of compliance to DSCC-VAI. This certificate shall state that the contractor's product meets all the requirements of this CID. In addition, a certificate of compliance shall accompany all test point connectors supplied to this CID.

6. PACKAGING.

6.1 Preservation, packing, and marking. Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES.

7.1 PIN. The PIN procedure is for government purposes and does not constitute a requirement for the contractor. See 2 for PIN format example.

7.2 Source document.

Commercial Item Description

A-A-55469 - Connectors, Electrical, Plugs.

(Copies of CID's are available from the Defense Printing Service Detachment Office. Building 4D (Customer Service), 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

7.3 Government users. To acquire information on obtaining these test pint connectors from the Government inventory system, contact Defense Supply Center Columbus, ATTN: DSCC-VAI, 3990 East Broad Street, Columbus, OH 43216-5000.

7.4 Ordering data. Ordering data shall be as specified in A-A-55469.

7.5 Supersession data. This CID supersedes MIL-C-28901/2.

7.6 Suggested sources of supply. Suggested sources of supply are listed below. Additional sources will be added as they become available. The vendors listed have submitted a certificate of compliance to DSCC-VAI and meet the market acceptability requirements of this CID.

Dash number (see table I) AA55469/02-	Vendor commercial PIN CAGE 91967	Vendor commercial PIN CAGE 74970	Applicable NSN
01	210-103	---	5935-00-931-0380
02	210-102	---	5935-00-140-3354
03	---	108-0203-001	5935-00-007-8602
04	---	108-0202-001	5935-00-567-0521

Vendor CAGE <u>number</u>	Vendor name <u>and address</u>
74970	E.F. Johnson 299 Johnson Avenue Waseca, MN 56093
91967	Abbatron 632 Arch Street Meadville, PA 16335

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY:

DLA - CC

(Project 5935-4560-000)